CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET

NOTE: recorded in Microsoft word 6.0 - use tabs to change cells/fields

STATE Vermont FIELD OFFICE	All Offices DATE 7/2/02
PRACTICE: 582 Open Channel	NOTES: For channels draining more than one square mile
TRACTICE: 382 Open Channel	170 125. For channels draining more than one square inne
RESOURCE: SOIL	Help Message: Click on form field for choice lists. Refer
RESOURCE: SOIL RESOURCE CONCERN: EROSION	to Microsoft Word Users Guide (Creating a form)
RESOURCE INDICATORS	PHYSICAL EFFECTS
SHEET AND RILL	N/A
WIND	N/A
EPHEMERAL GULLY	N/A
CLASSIC GULLY	N/A
STREAMBANK	N/A
IRRIGATION INDUCED	N/A
SOIL MASS MOVEMENT	insignificant
ROADBANK/CONSTRUCTION	N/A
OTHER	J.
RESOURCE CONCERN: SOIL CONDITION	<u> </u>
SOIL TILTH	N/A
SOIL COMPACTION	N/A
SOIL CONTAMINATION	
• SALTS	N/A
• ORGANICS	N/A
• FERTILIZERS	N/A
• PESTICIDES	N/A
• OTHER	
DEPOSITION/DAMAGE	
ONSITE	N/A
OFFSITE	N/A
DEPOSITION/SAFETY	
ONSITE	N/A
• OFFSITE	N/A
OTHER	
RESOURCE: WATER	
RESOURCE CONCERN: WATER QUANTIT	ΓΥ
SEEPS	moderate increase in seepage hazard
RUNOFF/FLOODING	sign. decrease in runoff/flooding
EXCESS SUBSURFACE WATER	slight increase in excess subsurface water
INADEQUATE OUTLETS	N/A
WATER MGT. IRRIGATION	
• SURFACE	N/A
• SPRINKLER	N/A
WATER MGT. NON-IRRIGATED	N/A
RESTRICTED FLOW CAPACITY (H20 convey.)	
• ONSITE	N/A
• OFFSITE	N/A
RESTRICTED STORAGE	N/A

RESOURCE: WATER		
RESOURCE CONCERN: WATER QUALITY		
RESOURCE INDICATORS	PHYSICAL EFFECTS	
GROUNDWATER CONTAMINANTS		
• PESTICIDES	insignificant	
NUTRIENTS AND ORGANICS	insignificant	
• SALINITY	insignificant	
HEAVY METALS	insignificant	
• PATHOGENS	insignificant	
• OTHER		
SURFACE WATER CONTAMINANTS		
• PESTICIDES	slight increase in SWcontam./pesticides	
NUTRIENTS AND ORGANICS	slight increase in SWater contam./nutri.,organics	
SUSPENDED SEDIMENTS	slight increase in SWater contam./susp. sedi.	
LOW DISSOLVED OXYGEN	slight increase in SWater contam./low oxygen	
• SALINITY	slight increase in SWater contam./salinity	
HEAVY METALS	slight increase in SWater contam./heavy metals	
WATER TEMPERATURE	slight increase in SWater contam./H20 temp.	
• PATHOGENS	slight increase in SWater contam./pathegens	
AQUATIC HABITAT SUITABILITY	situational concerning animal habitat suitibility	
OTHER		
RESOURCE: AIR		
RESOURCE CONCERN: AIR QUALI	TY	
AIRBORNE SEDIMENT AND SMOKE		
PARTICLES		
ONSITE SAFETY	N/A	
OFFSITE SAFETY	N/A	
ONSITE STRUCT. PROBLEMS	N/A	
OFFSITE STRUCT. PROBLEMS	N/A	
ONSITE HEALTH	N/A	
OFFSITE HEALTH	N/A	
AIRBORNE SEDIMENT CAUSING	N/A	
CONVEYANCE PROBLEMS		
AIRBORNE CHEMICAL DRIFT	N/A	
AIRBORNE ODORS	N/A	
FUNGI, MOLDS, AND POLLEN	N/A	
OTHER		
RESOURCE CONCERN: AIR CONDITION		
AIR TEMPERATURE	N/A	
AIR MOVEMENT (windbreak effect)	N/A	
HUMIDITY	N/A	
OTHER		

RESOURCE: PLANT	
RESOURCE CONCERN: SUITABILIT	Y
RESOURCE INDICATORS	PHYSICAL EFFECTS
SITE ADAPTATION	N/A
PLANT USE	N/A
OTHER	
RESOURCE CONCERN: CONDITION	
PRODUCTIVITY	N/A
HEALTH, VIGOR, SURVIVAL	N/A
OTHER	IN/A
	DNIT
RESOURCE CONCERN: MANAGEMI	LIN I
ESTAB., GROWTH, HARVEST	N/A
NUTRIENT MANAGEMENT	N/A
PESTS	N/A
THREAT/ENDANGERED PLANTS	N/A
OTHER	
RESOURCE: ANIMAL	
RESOURCE CONCERN: HABITAT	
FOOD	situational
COVER/SHELTER	situational
WATER (QUANTITY & QUALITY)	situational
OTHER	
RESOURCE CONCERN: MANAGEMI	ENT
POPULATION BALANCE	situational
THREAT/ENDANGERED ANIMALS	situational
HEALTH	situational
OTHER	
RESOURCE: HUMAN	
RESOURCE CONCERNS: ECONOMIC	C CONSIDERATIONS
PLAN / COST EFFECTIVENESS	significantly cost effective
CLIENT FINANCIAL CONDITION	N/A
MARKETS FOR PRODUCTS	N/A
AVAILABLE LABOR	N/A
AVAILABLE EQUIPMENT	N/A

RESOURCE: HUMAN		
RESOURCE CONCERN: SOCIAL CONSIDERATIONS		
RESOURCE INDICATORS	PHYSICAL EFFECTS	
PUBLIC HEALTH AND SAFETY	sign. improvement in public health safety	
PRIVATE/PUBLIC VALUES	sign. improvement in private/public values	
CLIENT CHARACTERISTICS	N/A	
RISK TOLERANCE	moderate risk involved	
TENURE	N/A	
OTHER		
RESOURCE CONCERN: CULTURAL CONSIDERATIONS		
ABSENCE/PRESENCE OF CULTURAL RESOURCES	CRS determines presence/sensitivity of CR sites	
SIGNIFICANCE OF CULTURAL RESOURCES	CRS evaluates significance of identified CR(s)	
MITIGATION OF NEGATIVE CULTURAL RES. IMPACTS	CRS develops ways to reduce/elimin. neg. impacts	
OTHER		